

Amendments to the Claims:

Please amend claim 1-3, 5-7 and 13-23, cancel claim 12 and add new claims 24-28 as shown.

1. (Currently Amended) A method of setting up a communication session in a wireless communications network comprising at least a radio access network, an application layer and a transport layer, the method comprising:

transmitting a request for a communication channel setup from a user equipment to a first network element in ~~asaid first network~~ transport layer of the wireless communications network; and wherein

the communication channel carries content of the communication session, and wherein the request contains an indication ~~indicates~~ to the first network element that radio resource allocation is to be prevented for the communication channel in the transport layer before the a communication session in the application layer has been successfully established.

2. (Currently Amended) The method of claim 1, comprising the steps of:

forwarding ~~transmitting~~ the request indication to a second network element in ~~the~~ a radio access network; and

in response to receiving the request indication, the second network element refrains from allocating radio resources for the communication channel.

3. (Currently Amended) The method of claim 2, comprising the steps of:

setting up the communication channel ~~for~~between the user equipment ~~and~~by the means of the first network element without radio resources;

setting up a communication session between the user equipment and a third network element in the ~~second~~application layer of the wireless network;

and

allocating radio resources for the communication channel when the communication session has been successfully established.

4. (Canceled)

5. (Currently Amended) The method of claim 1 ~~wherein the request is~~  
comprising a step of indicating to a fourth network element in the ~~first network~~transport layer of the wireless network that radio resources are not allocated for the communication channel before ~~the~~a communication session has been successfully established.

6. (Currently Amended) The method of claim 1, wherein the transport layer comprises~~first network~~ is a core network

7. (Currently Amended) The method of claim 3, wherein the ~~second network~~application layer is an IMS network.

8. (Original) A method of claim 1, wherein the first network element is a SGSN.

9. (Previously Presented) A method of claim 2, wherein the second network element is a RNC.

10. (Previously Presented) A method of claim 3, wherein the third network element is a CSCF.

11. (Previously Presented) A method of claim 5, wherein the fourth network element is a GGSN.

12. (Cancelled)

13. (Currently Amended) A method in accordance with claim 1, wherein:

the indication request contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

14. (Currently Amended) A method in accordance with claim 2, wherein:

the ~~request~~ indication contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

15. (Currently Amended) A method in accordance with claim 3, wherein:

the indication request contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

16. (Currently Amended) A method in accordance with claim 4\_3,  
wherein:

the indication ~~request~~ contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

17. (Currently Amended) A method in accordance with claim 5,  
wherein:

the ~~request~~ indication contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

18. (Currently Amended) A method in accordance with claim 6,  
wherein:

the indication ~~request~~ contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

19. (Currently Amended) A method in accordance with claim 7,  
wherein:

the indication ~~request~~ contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

20. (Currently Amended) A method in accordance with claim 8,  
wherein:

the indication request contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

21. (Currently Amended) A method in accordance with claim 9, wherein:

the indication request contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

22. (Currently Amended) A method in accordance with claim 10, wherein:

the indication request contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

23. (Currently Amended) A method in accordance with claim 11, wherein:

the request indication contains a flag which indicates to the first network element that radio allocation is to be prevented for the communication channel before a communication session has been established.

24. (New) A user equipment in a wireless communications network, wherein the network comprises at least a radio access network, an application layer and a transport layer, the user equipment comprising:

a transmitter module that transmits a request for a communication channel setup to a first network element in said transport layer of the wireless communications network; and

wherein, the communications channel carries content of a communications session, and wherein the request contains an indication to the first network element that radio resource allocation is to be prevented for the communication channel in the transport layer before the communication session in the application layer has been successfully established.

25. (New) A network device in a wireless communications network, wherein the network comprises at least a radio access network, an application layer and a transport layer, the network device comprising:

a receiver module, that receives an indication that radio resource allocation is to be prevented for a communication channel in the transport layer before a communication session in the application layer has been successfully established; and

a transmitter module that transmits the indication to a second network element.

26. (New) A network device in a wireless communications network, wherein the communications network comprises at least a radio access network, an application layer and a transport layer, the network device comprising:

a receiver module, wherein the receiver module receives an indication from a second network device that network resource allocation is to be prevented for a communication channel in the transport layer before a communication session in the application layer has been successfully established; and

wherein the network device refrains from allocating radio resources for the communication channel in response to receiving the indication.

27. (New) A network device in a wireless communications network, wherein the network comprises at least a radio access network, an application layer and a transport layer, the network device comprising:

a receiver module that receives an indication from a user equipment that network resource allocation is to be prevented for a communication channel in the transport layer before a communication session in the application layer has been successfully established; and

a restriction module that restricts traffic on the communication channel based after the indication is received in the receiver module.

28. (New) A system for setting up a communication session in a wireless communications network comprising at least a radio access network, an application layer and a transport layer, the system comprising:

a user equipment, wherein the user equipment transmits a request for a communication channel setup, wherein the request contains an indication that radio resource allocation is to be prevented for the communication channel in the transport layer before the communication session has been successfully established;

a first network element that receives the indication from the user equipment, and forward the indication to at least one other network device in the system;

a second network element that receives the indication in the radio access network from the first network element; and

a third network element, wherein a fourth network element receives the indication from the user equipment, wherein the third network element restricts traffic on the communications channel until the communication session has been successfully established.

29. (New) An apparatus in a wireless communications network, wherein the network comprises at least a radio access network, an application layer and a transport layer, the apparatus comprising:

a transmitter means for transmitting a request for a communication channel setup to a first network element in said transport layer of the wireless communications network; and

wherein, the communications channel carries content of a communications session, and wherein the request contains an indication to the



first network element that radio resource allocation is to be prevented for the communication channel in the transport layer before the communication session in the application layer has been successfully established.

30. (New) An apparatus in a wireless communications network, wherein the network comprises at least a radio access network, an application layer and a transport layer, the apparatus comprising:

a receiver means, for receiving an indication that radio resource allocation is to be prevented for a communication channel in the transport layer before a communication session in the application layer has been successfully established; and

a transmitter means for transmitting the indication to a second network element.

31. (New) An apparatus in a wireless communications network, wherein the communications network comprises at least a radio access network, an application layer and a transport layer, the apparatus comprising:

a receiver means, for receiving an indication from a second network device that network resource allocation is to be prevented for a communication channel in the transport layer before a communication session in the application layer has been successfully established; and

wherein the apparatus refrains from allocating radio resources for the communication channel in response to receiving the indication.

32. (New) An apparatus in a wireless communications network, wherein the network comprises at least a radio access network, an application layer and a transport layer, the apparatus comprising:

a receiver means for receiving an indication from a user equipment that network resource allocation is to be prevented for a communication channel in the transport layer before a communication session in the application layer has been successfully established; and

a restriction means for restricting traffic on the communication channel based after the indication is received in the receiver means.

33. (New) A system for setting up a communication session in a wireless communications network comprising at least a radio access network, an application layer and a transport layer, the system comprising:

a user equipment means, wherein the user equipment means transmits a request for a communication channel setup, wherein the request contains an indication that radio resource allocation is to be prevented for the communication channel in the transport layer before the communication session has been successfully established;

a first network means for receiving the indication from the user equipment means, and forwards the indication to at least one other network means in the system;

a second network means for receiving the indication in the radio access network from the first network means; and

a third network means, wherein a fourth network means receives the indication from the user equipment means, wherein the third network means restricts traffic on the communications channel until the communication session has been successfully established.